

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Shinsuke TOYOMASU, et al.

SERIAL NO: New Application

GAU:

FILED: Herewith

EXAMINER:

FOR: TRANSPARENT HEAT-RESISTANT RESIN OPTICAL MATERIAL AND FILM

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).
- ☐ A credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).
- ☐ A credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION


- ☐ Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



Norman F. Oblon

Registration No. 24,618

John F. McClelland  
Registration Number 21,124

Customer Number

22850

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 05/03)

DOCKET NO.: 242865US0

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Shinsuke TOYOMASU, et al.

SERIAL NO: New Application

FILED: HERewith

FOR: TRANSPARENT HEAT-RESISTANT RESIN OPTICAL MATERIAL AND FILM

**STATEMENT OF RELEVANCY**

**References AO through AY on Form PTO-1449:**

These references are discussed in the “DESCRIPTION OF THE RELATED ART” section in the specification.

**Reference AZ on Form PTO-1449:**

This reference is discussed on page 21 in the specification

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. <b>242865US0</b>		SERIAL NO. <b>New Application</b>	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT <b>Shinsuke TOYOMASU, et al.</b>			
				FILING DATE <b>Herewith</b>		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES                  NO		
	AO	2002-71956	03/12/02	Japan (with English Abstract)			X
	AP	2000-162436	06/16/00	Japan (with English Abstract)			X
	AQ	2000-304924	11/02/00	Japan (with English Abstract)			X
	AR	2000-304925	11/02/00	Japan (with English Abstract)			X
	AS	2000-329939	11/30/00	Japan (with English Abstract)			X
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AT	Junji FURUKAWA, et al., "Anisotropy of Styrene- Butadiene Rubber", JOURNAL OF APPLIED POLYMER SCIENCE, Vol. 13, 1969, pgs. 2541-2546					
	AU	Prof. Dr. rer.nat.habil. Hans-Joachim Lorkowski, "Polymere mit speziellen optischen Eigenschaften", PLASTE UND KAUSCHUK, Vol. 29, 1982, pgs. 618-621					
	AV	Takashi INOUE, et al., "Kino Zairyo (Functional Materials)", MATERIAL REPORT R & D, March 1987, pgs. 21-29					
	AW	Yoshiyuki NISHIO, et al., "Molecular orientation and optical anisotropy induced by the stretching of poly (vinyl alcohol)/poly (N-vinyl pyrrolidone) blends" POLYMER, Vol. 35, No. 7, 1994, pgs.1452-1461					
	AX	T. OKINAKA, et al., "Effect of Molecular Structure on the Optical Stress Coefficient of Optical Plastics", POLYMER PREPRINTS, JAPAN, Vol. 39, No. 10, 1990, pgs. 3824-3826					
	AY	Kobunshi no Kotai Kozo (Solid Structure of Polymers ) II, pgs.388-399					
	AZ	Hiroshi AWAYA, PRIMER OF POLARIZATION MICROSCOPE OF POLYMER MATERIALS, Chapter 5, pgs.75-97 and 264				<input type="checkbox"/> Additional References sheet(s) attached	
Examiner							
Date Considered							
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							